查询MXP1001-PS供应商

Microsemi
Santa Ana, CA
Progress Powered by Technology

2830 S. Fairview St.
Santa Ana, CA 92704
PH: 714.979.8220
FAX: 714.557.5989

MXP1020 - PS/Q
MXP1022 - PS/Q
MXP1023 - PS/Q
MXP1001 - PS/D
MXP1004 - PS/D

Position Sensing Photo Detectors

Features

- Low Cross Talk
- Excellent Stability
- Low Noise
- Ultra High Positioning Accuracy

Applications

- Machine Tool Alignment
- Angle Measurement
- Targeting
- Remote Optical Alignment
- Guidance Systems

Electrical Characteristics @ 25°C

MODEL
/Q - Quad
/D - Dual

	EACH ACTIVE AREA		GAP	R 850nm	UNIFORM. OF R 1mm dia. SPOT	R_{SH} +/-10 mV	ID nA		V_B 10µA V	C_J 1kHz pF			NEP 10V / 850nm	T_R 850nm / 50Ohm Load ns	
	mm^2	Dim. Inch	Inch	A / W	+/- %	MOhms	-10V	-25V	min	0 V	-10 V	-25 V	W/(Hz)$^{1/2}$	-10 V	-25 V
MXP1020-PS/Q	7.11	.105 x .105	0.005	0.5	2	50	20	50	50	120	15	10	5×10^{-13}	15	10
MXP1022-PS/Q	0.26	.020 x .020	0.0005	0.5	2	1,000	2	5	50	10	3	2	5×10^{-14}	15	10
MXP1023-PS/Q	1.61	.050 x .050	0.005	0.5	2	500	5	10	50	30	5	2	8×10^{-14}	15	10
MXP1001-PS/D	3.22	.100 x .050	0.005	0.5	2	100	10	20	50	60	10	5	2×10^{-13}	15	10
MXP1004-PS/D	0.70	.047 x .023	0.0008	0.5	2	500	5	10	50	15	10	5	8×10^{-13}	15	10